

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on:

Date: January 11, 2006

By:

Valerie J. Sterling
Valerie J. Sterling

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

RE APPLICATION OF: FOUNTAIN ET AL.

APPLICATION No.: 10/519,239 ✓

FILED: DECEMBER 22, 2004

FOR: **NETWORK ATTACHED ENCRYPTION**

ATTY DKT. No. 36321-8015.US01

EXAMINER: Unknown

ART UNIT: Unknown

CONF. No.: 9717

**Information Disclosure Statement Within Three Months of
Application Filing or Before First Action – 37 CFR 1.97(b)**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

1. Timing of Submission

This information disclosure is being filed within three months of the filing date of this application or date of entry into the national stage of an international application or before the mailing date of a first Office action on the merits, whichever occurs last [37 CFR 1.97(b)]. The references listed on the enclosed Form PTO-1449 (modified) may be material to the examination of this application; the Examiner is requested to make them of record in the application.

2. Cited Information

- ☒ Copies of the following references are enclosed:
- ☒ References marked by asterisks
 - ☒ The following: References 1-4 (Non-patent Literature Documents)


3. Effect of Information Disclosure Statement (37 CFR 1.97(h))

This Information Disclosure Statement is not to be construed as a representation that: (i) a search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the cited information is, or is considered to be, material to patentability. In addition, applicant does not admit that any enclosed item of information constitutes prior art to the subject invention and specifically reserves the right to demonstrate that any such reference is not prior art.

4. Fee Payment

No fees are believed due, however, should the Commissioner determine that fees are due in order for this Information Disclosure Statement to be considered, the Commissioner is hereby authorized to charge such fees to Deposit Account No. 50-2207.

Respectfully submitted,
Perkins Coie LLP



William F. Ahmann
Registration No. 52,548.

Date: January 11, 2006

Correspondence Address:

Customer No. 22918
Perkins Coie LLP
P.O. Box 2168
Menlo Park, California 94026
(650) 838-4300

INFORMATION DISCLOSURE STATEMENT BY APPLICANT Form PTO-1449 (Modified) (Use several sheets if necessary)				COMPLETE IF KNOWN	
				Application Number	10/519,239
				Confirmation Number	9717
				Filing Date	December 22, 2004
				First Named Inventor	Thomas Fountain
				Group Art Unit	NOT ASSIGNED
Examiner Name	NOT ASSIGNED				
Sheet	1	of	4	Attorney Docket No.	36321-8015.US01

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.	U.S. Patent or Application		Name of Patentee or Inventor of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		NUMBER	Kind Code (if known)			
		4,386,416		Giltner	05/31/83	
		4,964,164		Fiat, Amos	10/1990	
		5,222,133		Chou et al.	10/17/91	
		5,557,712		Guay	02/16/94	
		5,734,744		Wittenstein	06/07/95	
		5,764,235		Hunt et al.	3/25/96	
		5,848,159		Collins et al.	12/1998	
		5,923,756		Shambroom, W. David	7/1999	
		6,061,448		Smith et al.	5/2000	
		6,012,198		Anigbogu	02/01/00	
		6,081,598		Dai, Wei	06/2000	
		6,081,900		Subramaniam et al.	06/2000	
		6,098,096		Bayeh et al.	08/01/00	
		6,105,012		Chang et al.	8/2000	
		6,154,542		Crandall	11/28/00	
		6,216,212		Challenger et al.	04/2001	
		6,233,565		Lewis et al.	05/2001	
		6,396,926		Takagi, et al.	05/2002	
		6,477,646		Krishna, et al.	11/2002	
		6,578,061		Aoki, et al.	06/2003	
		6,587,866		Modi et al.	07/01/03	
		6,598,167		Devine et al.	7/2003	
		6,621,505		Beauchamp	09/16/03	
		6,757,823		Rao, et al.	06/2004	
		6,763,459		Corella, Francisco	07/2004	
		6,874,089		Dick et al.	03/2005	

EXAMINER	DATE CONSIDERED
*EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application(s).	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT Form PTO-1449 (Modified) (Use several sheets if necessary)				COMPLETE IF KNOWN	
				Application Number	10/519,239
				Confirmation Number	9717
				Filing Date	December 22, 2004
				First Named Inventor	Thomas Fountain
				Group Art Unit	NOT ASSIGNED
Examiner Name	NOT ASSIGNED				
Sheet	2	of	4	Attorney Docket No.	36321-8015.US01

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.	U.S. Patent or Application		Name of Patentee or Inventor of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		NUMBER	Kind Code (if known)			
		6,886,095		Hind et al.	4/2005	
		6,963,980		Mattsson	11/16/00	
		6,990,660		Moshir et al.	1/24/06	
	*	10/526,252		Fountain et al.	02-24/05	
	*	10/850,827		Koyfman	05/20/04	
	*	11/236,046		Metzger et al.	09/26/05	
	*	11/236,294		Metzger et al.	09/26/05	
	*	11/236,061		Metzger et al.	09/26/05	
		2002/0012473		Kondo et al.	9/30/1997	
		2002/0073232		Hong et al.	06/13/02	
		2002/0112167		Boheh et al.	10/02/02	
		2002/0016911		Chawla et al.	07/09/01	
		2002/0039420		Schacham et al.	06/08/01	
		2002/0066038		Mattsson	11/29/00	
		2002/0087884		Shacham et al.	06/08/01	
		2003/0014650		Freed et al.	01/16/03	
		2003/0065919		Albert et al.	4/2003	
		2003/0097428		Afkhami	05/22/03	
		2003/0101355		Mattsson	12/28/01	
		2003/0123671		He et al.	07/03/03	
		2003/0156719		Cronce	02/21/02	
		2003/0197733		Beauchamp	09/23/03	
		2003/0204513		Bumbulis	10/30/03	
		2004/0015725		Boneh et al.	07/24/02	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.	Foreign Patent or Application	Name of Patentee or Applicant of Cited Document	Date of Publication or Filing Date	Pages, Columns, Lines, Where Relevant	T

EXAMINER	DATE CONSIDERED
*EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance <u>and</u> not considered. Include copy of this form with next communication to application(s).	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT Form PTO-1449 (Modified) (Use several sheets if necessary)				COMPLETE IF KNOWN	
				Application Number	10/519,239
				Confirmation Number	9717
				Filing Date	December 22, 2004
				First Named Inventor	Thomas Fountain
				Group Art Unit	NOT ASSIGNED
				Examiner Name	NOT ASSIGNED
Sheet	3	of	4	Attorney Docket No.	36321-8015.US01

		Office	NUMBER	Kind Code (if known)			
	*	WO	01/03398		IBM Corp and IBM UK Limited	01/11/2001	
	*	WO	02/101605		Godfrey et al.	12/19/02	

OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume issue number(s), publisher, city and/or country where published.	T
	1.	Alteon Web Systems: "The Next Step in Server Loading Balancing" November 1999, Retrieved from the Internet: <u>URL: http://www.nortelnetworks.com/products/library/collateral/intel_int/webworking_wp.pdf</u> , Retrieved on March 2, 2004; pages 4-11.	
	2.	Alteon Web Systems: "Networking with the Web in Mind" May 1999, Retrieved from the Internet: <u>URL: http://www.nortelnetworks.com/products/library/collateral/intel_int/webworking_wp.pdf</u> , Retrieved on March 2, 2004; page 1, pages 3-7.	
	3.	Boneh, D., "Twenty Years of Attacks on the RSA Cyptosystem," Notices of the AMS, Vol 46, No. 2, pp. 203-213, 1999	
	4.	Boneh, et al., "An Attack on RSA Given a Small Fraction of the Private Key Bits," ASIACRYPT '98, LNCS 1514, pp. 25-34, 1998	
	5.	Boneh, et al., "Cryptanalysis of RSA with Private Key d Less than $N^{0.292}$," (extended abstract), 1999	
	6.	Boneh, et al., "Efficient Generation of Shared RSA Keys," (extended abstract)	
	7.	Durfee, G., et al., "Cryptanalysis of the RSA Schemes with Short Secret Exponent from Asiacrypt '99," ASIACRYPT 2000, LNCS 1976, pp. 14-29, 2000	
	8.	Fiat, A. "Batch RSA, (digital signatures and public key krypto-systems)" Advances in Cryptology – Crypto '89 Proceedings 20-24 August, 1989, Springer-Verlag	
	9.	Großschädl, J., et al., "The Chinese Remainder Theorem and its Application in a High-Speed RSA Crypto Chip," 2000	
	10.	Herda, S., "Non-repudiation: Constituting evidence and proof in digital cooperation," Computer Standards and Interfaces, Elsevier Sequoia, Lausanne, CH, 17:1 (69-79) 1995.	

EXAMINER	DATE CONSIDERED
*EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance <u>and</u> not considered. Include copy of this form with next communication to application(s).	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT Form PTO-1449 (Modified) (Use several sheets if necessary)				COMPLETE IF KNOWN	
				Application Number	10/519,239
				Confirmation Number	9717
				Filing Date	December 22, 2004
				First Named Inventor	Thomas Fountain
				Group Art Unit	NOT ASSIGNED
Examiner Name	NOT ASSIGNED				
Sheet	4	of	4	Attorney Docket No.	36321-8015.US01

OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume issue number(s), publisher, city and/or country where published.	T
	11.	Immerman, N., "Homework 4 with Extensive Hints," 2000	
	12.	Menezes, A., et al., "Handbook of Applied Cryptography," 1996 CRC Press, pp. §8.2-8.3 and §14.5	
	13.	Netscape; "Netscape Proxy Server Administrator's Guide, Version 3.5 for Unix"; February 25, 1998; Retrieved from the Internet.	
	14.	Oppliger, R.; "Authorization Methods for E-Commerce Applications"; 1999	
	15.	RSA Laboratories: "PKCS #7: Cryptographic Message Syntax Standard, Version 1.5," RSA Laboratories Technical Note, pp. 1-30, November 1, 1993.	
	16.	RSA "PKCS #1 v2.0 Amendment 1: Multi-Prime RSA," 2000	
	17.	"Security Protocols Overview (An RSA Data Security Brief)", RSA Data Security, 1999, http://www.comms.scitech.susx.ac.uk/fft/crypto/security_protocols.pdf , pages 1-4.	
	18.	Schacham, H., et al., "Improving SSL Handsake Performance via Batching," Topics in Cryptology, pp. 28-43, 2001.	
	19.	Shand, M., et al., "Fast Implementations of RSA Cryptography," 1993	
	20.	Sherif, M.H., et al., "SET and SSL: Electronic Payments on the Internet," IEEE, pp. 353-358 (1998)	
	21.	Stallings, W., "IP Security," Network Security Essentials, Applications and Standards, Chapters 6 and 7, pp. 162-223, 2000	
	22.	Takagi, T., "Fast RSA-Type Cryptosystem Modulo p^kq ," 1998	
	23.	Takagi, T., "Fast RSA-Type Cryptosystems Using N-Adic Expansion," Advances in Technology – CRYPTO '97, LNCS 1294, pp. 372-384, 1997	
	24.	Wiener, M., "Cryptanalysis of Short RSA Secret Exponents," 1989	

EXAMINER	DATE CONSIDERED
*EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance <u>and</u> not considered. Include copy of this form with next communication to application(s).	